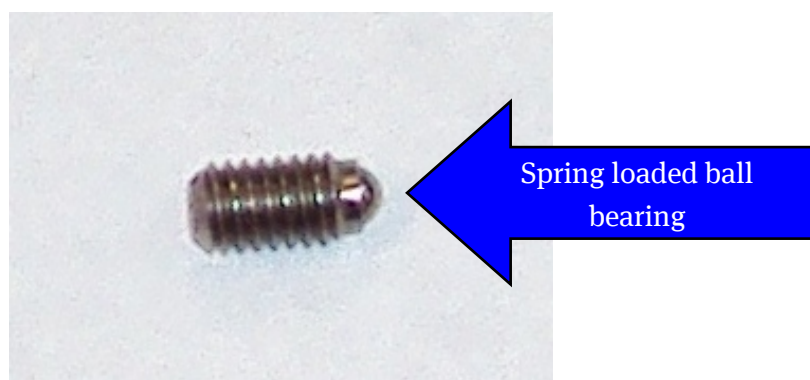


Academy Tech Tips

Convert Gravity-Actuated Ring Lock to Manually-Actuated

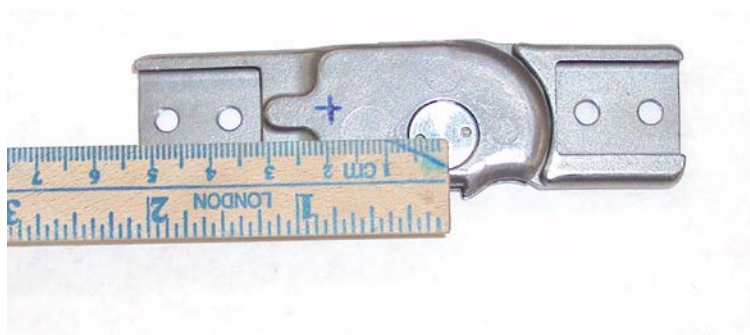
The 501D1 Lock Retainer is a specialty 4mm screw with an integrated spring-loaded ball bearing. When installed into a Ring Lock joint, it creates an easily adjustable retainer to convert a gravity-actuated Ring Lock (“drop lock”) to a manually actuated one.

In this Tech Bulletin, we will focus on installing the 501D1 Lock Retainer Assembly in Ring Lock orthotic joints such as the 17B20 System Knee Joint.



Installation:

Measure from joint center proximally 19 mm and center under upper bar as pictured.



Center punch and use drill press with 1/8" bit. Apply a small amount of cutting oil, and then tap utilizing a 4x0.7 mm tap.

Screw the 501D1 Retainer into the Joint Head (Figure 1), until the ball protrudes just enough to "catch" the Ring Lock (Figure 2).



Figure1



Figure 2

Decreasing the amount of protrusion makes locking and unlocking easier. Once proper adjustment has been determined clinically, apply a small drop of blue Loctite.

If you have any further questions, please contact Ottobock at 800 328 4058 and ask to speak with a member of our Professional and Clinical Services department.